

What is claimed is:

1. A cable connector, comprising:

- a front body adapted to connect to an equipment port;
- a back body adapted to receive a prepared end of a hardline coaxial cable;
- a coupler nut retained on said back body which screws into said front body;
- a conductive pin retained in said front body by an insulator, said conductive pin including a front end for connecting to said equipment port and a back end, wherein said back end includes a collet for connecting to and retaining a center conductor of said cable;
- a mandrel retained in said back body;
- means for connecting said cable to said back body;
- a shoulder formed in a front end of said back body; and
- a ridge on an inside of said coupler nut, wherein said coupler nut is retained on said back body between said shoulder of said back body and a shoulder of said mandrel.

2. A cable connector according to claim 1, wherein said means for connecting is a permanent compression fitting retained in said back body.

3. A cable connector according to claim 2, further comprising a thrust bearing disposed between said ridge and said shoulder of said mandrel.

4. A cable connector according to claim 3, wherein said collet includes a ring which enhances an interference fit between said collet and said center conductor of said cable.

5. A cable connector according to claim 4, further comprising a guide disposed within said front body, wherein a portion of said guide fits over said ring.

6. A cable connector according to claim 1, further comprising a thrust bearing disposed between said ridge and said shoulder of said mandrel.

7. A cable connector according to claim 1, wherein said collet includes a ring which enhances an interference fit between said collet and said center conductor of said cable.

8. A method of constructing a cable connector, comprising the steps of:
- providing a front body adapted to connect to an equipment port;
  - adapting a back body to receive a prepared end of a hardline coaxial cable;
  - retaining a coupler nut retained on said back body which screws into said front body;
  - retaining a conductive pin in said front body by an insulator, said conductive pin including a front end for connecting to said equipment port and a back end, wherein said back end includes a collet for connecting to and retaining a center conductor of said cable;
  - retaining a mandrel in said back body;
  - connecting said cable to said back body;
  - forming a shoulder in a front end of said back body;
  - forming a ridge on an inside of said coupler nut; and
  - retaining said coupler nut on said back body between said shoulder of said back body and a shoulder of said mandrel.
9. A method according to claim 8, wherein said step of connecting includes using a permanent compression fitting retained in said back body.
10. A method according to claim 9, further comprising the step of disposing a thrust bearing between said ridge and said shoulder of said mandrel.
11. A method according to claim 10, further comprising the step of disposing a ring around an end of said collet which enhances an interference fit between said collet and said center conductor of said cable.
12. A method according to claim 11, further comprising disposing a guide within said front body, wherein a portion of said guide fits over said ring.
13. A method according to claim 8, further comprising the step of disposing a thrust bearing between said ridge and said shoulder of said mandrel.

14. A method according to claim 8, further comprising the step of disposing a ring around an end of said collet which enhances an interference fit between said collet and said center conductor of said cable.